

What is claimed is:

1. A magnetic locking device for an electronic appliance with an upper cover and a base, the magnetic locking device comprising:

5           a lock module mounted on the upper cover, wherein the lock module further comprises:

          a lock module base attaching on the upper cover;

          a release button coupling to the lock module base;

          a magnet coupling to the release button;

10           a first bezel coupling to the lock module base and disposed at one side of the release button and the magnet;

          a second bezel coupling to the lock module base and disposed at another side of the release button and the magnet; and

15           a hook module mounted on the base of the electronic appliance, wherein the hook module further comprises:

          a hook module base attached in the base;

          a first spring device coupling to the hook module base; and

20           a hook with an opening, the hook coupling to the first spring device and the first spring device providing traction force to keep the hook in the hook module base;

25           wherein the magnet of the lock module attracts the hook of the hook module to couple with the first bezel when the upper cover is closed on the base, and the magnet of the lock module attracts the hook of the hook module to couple with the second bezel when the upper cover turns 180 degrees and is closed on the base.

2. The magnetic locking device of claim 1, wherein the hook releases from the first bezel or the second bezel when the release button is pressed and then the hook returns into the hook module base due to the traction force of the first spring device  
5 when the upper cover is opened from the base.

3. The magnetic locking device of claim 2, wherein the hook hides in the base when the hook returns into the hook module base.

10 4. The magnetic locking device of claim 2, wherein the lock module further comprises a second spring device coupling to the release button to push the release button back to an initial position for a subsequent operation.

15 5. The magnetic locking device of claim 1, wherein the first bezel is directly formed on one side of the upper cover and the second bezel is directly formed on another side of another side of the upper cover.

6. The magnetic locking device of claim 1, wherein the hook further comprises an inclined plane, the inclined plane passing through the first bezel and the first bezel  
20 locking the opening or the inclined plane passing through the second bezel and the second bezel locking the opening when the magnet attracts the hook.

7. The magnetic locking device of claim 1, wherein the hook module base further comprises a sliding slot for the hook to slide therein when the magnet attracts  
25 the hook.

8. The magnetic locking device of claim 1, wherein the electronic appliance is a notebook computer.

5           9. The magnetic locking device of claim 8, wherein the notebook computer is a notebook/tablet dual-purpose personal computer.

10. The magnetic locking device of claim 9, wherein the upper cover is a display of the notebook/tablet dual-purpose personal computer.

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11. A notebook/tablet dual-purpose personal computer with a magnetic locking device, the notebook/tablet dual-purpose personal computer comprising:

    a display cover, wherein the display cover comprises:

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        a first bezel disposed at one side of the display cover for closing the display cover;

        a second bezel disposed at another side of the display cover for hand writing input and displaying images;

        a lock module mounting between the first bezel and the second bezel, wherein the lock module further comprises:

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            a lock module base attaching on the upper cover;

            a release button coupling to the lock module base; and

            a magnet coupling to the release button;

    a computer base, the computer base comprising:

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        a hook module mounted on the computer base, wherein the hook module further comprises:

a hook module base attached in the computer base;  
a first spring device coupling to the hook module base; and  
a hook with an opening, the hook coupling to the first spring device  
and the first spring device keeping the hook in the computer  
5 base;  
wherein the magnet of the lock module attracts the hook of the hook  
module to couple with the first bezel when the upper cover is  
closed on the computer base, and the magnet of the lock  
module attracts the hook of the hook module to couple with the  
10 second bezel when the upper cover turns 180 degrees and is  
closed on the base for hand writing input and displaying  
images.

12. The notebook/tablet dual-purpose personal computer of claim 11, wherein  
15 the hook releases from the first bezel or the second bezel when the release button is  
pressed and then the hook returns into the computer base due to the first spring device  
when the upper cover is opened from the computer base.

13. The notebook/tablet dual-purpose personal computer of claim 12, wherein  
20 the lock module further comprises a second spring device coupling to the release  
button to push the release button returning to an initial position for a subsequent  
operation.

14. The notebook/tablet dual-purpose personal computer of claim 11, wherein  
25 the hook further comprises an inclined plane, the inclined plane passing through the

first bezel and the first bezel locking the opening or the inclined plane passing through the second bezel and the second bezel locking the opening when the magnet attracts the hook.

5           15. The notebook/tablet dual-purpose personal computer of claim 11, wherein the hook module base further comprises a sliding slot for the hook to slide therein when the magnet attracts the hook.

10           16. A electronic appliance with a magnetic locking device, the electronic appliance comprising:

          a display cover, wherein the display cover comprises:

              a first bezel disposed at one side of the display cover for closing the display cover;

15               a second bezel disposed at another side of the display cover for displaying images;

              a lock module mounting between the first bezel and the second bezel, wherein the lock module further comprises:

                  a lock module base attaching on the upper cover;

                  a release button coupling to the lock module base; and

20               a magnet coupling to the release button;

          an electronic appliance base, the electronic appliance base comprising:

              a hook module mounted on the electronic appliance base, wherein the hook module further comprises:

                  a hook module base attached in the electronic appliance base;

25               a first spring device coupling to the hook module base; and

a hook with an opening, the hook coupling to the first spring device and the first spring device keeping the hook in the electronic appliance base;

wherein the magnet of the lock module attracts the hook of the hook module to couple with the first bezel when the upper cover is closed on the electronic appliance base, and the magnet of the lock module attracts the hook of the hook module to couple with the second bezel when the upper cover turns 180 degrees and is closed on the base for displaying images.

17. The electronic appliance of claim 16, wherein the hook releases from the first bezel or the second bezel when the release button is pressed and then the hook returns into the electronic appliance base due to the first spring device when the upper cover is opened from the electronic appliance base.

18. The electronic appliance of claim 17, wherein the lock module further comprises a second spring device coupling to the release button to push the release button returning to an initial position for a subsequent operation.

19. The electronic appliance of claim 16, wherein the hook further comprises an inclined plane, the inclined plane passing through the first bezel and the first bezel locking the opening or the inclined plane passing through the second bezel and the second bezel locking the opening when the magnet attracts the hook.

20. The electronic appliance of claim 16, wherein the hook module base further

comprises a sliding slot for the hook to slide therein when the magnet attracts the hook.